Electronic Acknowledgement Receipt		
EFS ID:	4474684	
Application Number:	10765145	
International Application Number:		
Confirmation Number:	9722	
Title of Invention:	Transaction processing system supporting concurrent accesses to hierarchical data by transactions	
First Named Inventor/Applicant Name:	Eun Hye Choi	
Customer Number:	22850	
Filer:	Marvin Jay Spivak/Abebech Hailemariam	
Filer Authorized By:	Marvin Jay Spivak	
Attorney Docket Number:	248156US2RD	
Receipt Date:	17-DEC-2008	
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Time Stamp:	15:42:51	
Application Type:	Utility under 35 USC 111(a)	

## Payment information:

Submitted with Payment	no
File Listing:	

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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		248156USAmendment.pdf	879596 75476060x37913d1937x36040x1841bds5 80788	yes	21

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Miscellaneous Incoming Letter	1	1	
Amendment After Final	2	2	
Claims	3	15	
Applicant Arguments/Remarks Made in an Amendment	16	21	

Warnings:

Information:

Total Files Size (in bytes):	879596

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.33(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowled general Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DD/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the filling Receipt. In due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.